PRODUCT SPECIFICATION SHEET

1X PBS, pH 6.8 Solution

Catalog Number: P020-0500 **Size:** 500 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1X Phosphate-Buffered Saline (PBS), pH 6.8 is a ready-to-use, premium-grade isotonic buffering solution supplied in a convenient 500 mL laboratory packaging format. Formulated specifically to maintain slightly acidic physiological osmolarity, it supports specialized cell biology and biochemical workflows without requiring manual dilution or pH adjustment.

Prepared under strict quality controls using ultra-pure reagents and sterile filtration, this solution completely eliminates preparation bottlenecks, weighing errors, and contamination risks in routine laboratory operations.

2. Specifications

Concentration	1X (Ready-to-use)
Composition	137 mM NaCl, 2.7 mM KCl, Sodium Phosphate (dibasic) / Potassium Phosphate (monobasic) adjusted to pH 6.8 in purified water
pH	6.8 ± 0.1 at 25°C
Appearance	Clear, colorless liquid
Storage Conditions	Store at room temperature (15–25°C) or 2–8°C

3. Recommended Applications & Usage

1X PBS (pH 6.8) is utilized in specialized research workflows where a slightly acidic physiological buffer is required, including targeted tissue rinsing, specific binding assays, and biochemical reagent preparation.

Usage: This product is supplied as a ready-to-use 1X solution and requires no dilution or pH adjustment. Dispense using standard aseptic techniques to maintain sterility.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
P020-0500	1X PBS, pH 6.8 Solution	500 mL